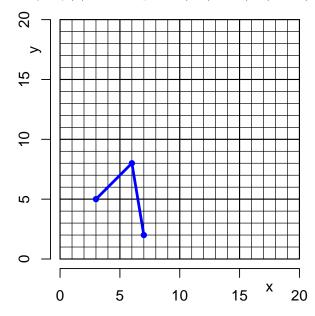
PCW_09_18 Find new points after transformation (version 6)

Question 1

Curve y = f(x) contains points (3,5) and (6,8) and (7,2), as shown on the x-y plane below.



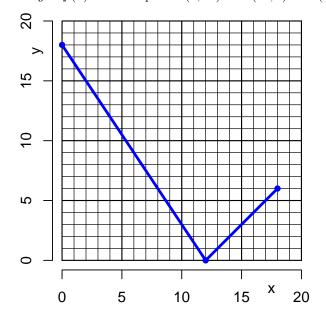
$$y = f(x)$$

On the same plane, please draw the curve represented by the equation below:

$$y = 2f\left[\frac{x+6}{3}\right] + 2$$

Question 2

Curve y = f(x) contains points (0, 18) and (12, 0) and (18, 6), as shown on the x-y plane below.



y = f(x)

On the same plane, please draw the curve represented by the equation below:

$$y = \frac{f[3(x-1)] + 2}{2}$$